

Express Mail No.: EL649158592US

Date of Deposit: 16 March 2004

COMMISSIONER FOR PATENTS

P.O. Box 1450

Alexandria, VA 22313-1450

Transmitted herewith for filing is the patent application of

Inventor(s): Thomas D. HAYES et al.

For: IN-SITU THERMOCHEMICAL SOLIDIFICATION OF DENSE NON-AQUEOUS PHASE LIQUIDS

Enclosed are:

- ☒ Twenty-seven (27) pages of specification, three (3) pages of claims (Claims 1-12), one (1) page of Abstract, and nine (9) sheets of drawings (Figs. 1-13).
- ☒ Executed combined Oath or Declaration, Power of Attorney and Petition.
- ☒ Certificate of Mailing by Express Mail, two (2) pages.
- ☐ A verified statement to establish small entity status under 37 CFR 1.9 and 37 CFR 1.27.
- ☒ Recordation Form Cover Sheet, in duplicate, together with executed Assignment Document.
- ☒ Information Disclosure Statement, together with Form PTO-1449 (1 page) and with a copy of each and every cited reference.
- ☒ Return Receipt Postcard.

The filing fee has been calculated as shown below:

The filing fee has been reduced to \$385 for small entities.

COL. 1		COL. 2	SMALL ENTITY		LARGE ENTITY		
FOR:	NO. FILED	NO. EXTRA	RATE	FEE	OR	RATE	FEE
BASIC FEE				\$385	OR		\$770
TOTAL CLAIMS	12 less 20	0	X 09 =	0	OR	X 18 =	
INDEPENDENT CLAIMS	1 less 3	0	X 43 =	0	OR	X 86 =	
MULTIPLE DEPENDENT CLAIMS PRESENTED			+145 =		OR	+290 =	
* IF THE DIFFERENCE IN COL. 1 IS LESS THAN ZERO, ENTER "0" IN COL. 2			TOTAL	\$385	OR	TOTAL	

- ☒ Please charge my Account No. 502045 in the amount of (\$385.00). A duplicate copy of this sheet is enclosed.
- ☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 502045. A duplicate copy of this sheet is enclosed.
- ☒ Any additional filing fees required under 37 CFR 1.16.
- ☐ Any patent application processing fees under 37 CFR 1.17.

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Thomas D. HAYES  
Vipul J. SRIVASTAVA

Title: IN-SITU THERMOCHEMICAL  
SOLIDIFICATION OF DENSE NON-AQUEOUS  
PHASE LIQUIDS

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**CERTIFICATE OF MAILING BY EXPRESS MAIL**

**Mail Stop PATENT APPLICATION**

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Dear Sir:

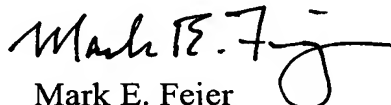
I hereby certify that the subject patent application is being deposited with the United States Postal Service as Express Mail Post Office to Addressee No. EL649158592US, on 16 March 2004, and is addressed to Mail Stop PATENT APPLICATION, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, together with the items listed below.

- Transmittal Letter, in duplicate

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Respectfully submitted,

  
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